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l7 and viewpoint	25

Database: US Patents Full-Text Database; JPO Abstracts Database; EPO Abstracts Database; Derwent World Patents Index; IBM Technical Disclosure Bulletins

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DB Name	Query	Hit Count	Set Name
USPT,JPAB,EPAB,DWPI,TDBD	l7 and viewpoint	25	L8
USPT,JPAB,EPAB,DWPI,TDBD	l6 and rotate	62	L7
USPT,JPAB,EPAB,DWPI,TDBD	l5 and texture mapping	351	L6
TDBD,DWPI,EPAB,JPAB,USPT	image data	124082	L5
TDBD,DWPI,EPAB,JPAB,USPT	full surround	14	L4
TDBD,DWPI,EPAB,JPAB,USPT	(5027287| 5115494| 5134521| 5185667| 5200818| 5210626| 5262777| 5265172| 5268998| 5305430| 5322441| 5325472| 5359363| 5384588| 5396583)![pn]	42	L3
TDBD,DWPI,EPAB,JPAB,USPT	(0785914| 3060596| 3725563| 4127849| 4474501| 4489389| 4599615| 4609916| 4634384| 4660157| 4667236| 4694434| 4721952| 4734690| 4747527| 4752828| 4754269| 4763280| 4790028| 4807158| 4819192| 4821209| 4862388| 4882679| 4984179| 4985762| 5027287| 5115494| 5134521| 5185667| 5200818| 5210626| 5262777| 5265172| 5268998| 5305430| 5322441| 5325472| 5359363| 5384588| 5396583)![pn]	117	L2
TDBD,DWPI,EPAB,JPAB,USPT	5936630.PN.!	2	L1

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Search Results - Record(s) 1 through 10 of 25 returned.

☑ 1. Document ID: US 6104405 A

L8: Entry 1 of 25 File: USPT Aug 15, 2000

US-PAT-NO: 6104405
DOCUMENT-IDENTIFIER: US 6104405 A
TITLE: Systems, methods and computer program products for converting image data to nonplanar image data

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

☐ 2. Document ID: US 6100862 A

L8: Entry 2 of 25 File: USPT Aug 8, 2000

US-PAT-NO: 6100862
DOCUMENT-IDENTIFIER: US 6100862 A
TITLE: Multi-planar volumetric display system and method of operation

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

☐ 3. Document ID: US 6097854 A

L8: Entry 3 of 25 File: USPT Aug 1, 2000

US-PAT-NO: 6097854
DOCUMENT-IDENTIFIER: US 6097854 A
TITLE: Image mosaic construction system and apparatus with patch-based alignment, global block adjustment and pair-wise motion-based local warping

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

☐ 4. Document ID: US 6045446 A

L8: Entry 4 of 25 File: USPT Apr 4, 2000

US-PAT-NO: 6045446
DOCUMENT-IDENTIFIER: US 6045446 A
TITLE: Object-throwing video game system

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

☐ 5. Document ID: US 6020931 A

L8: Entry 5 of 25 File: USPT Feb 1, 2000

US-PAT-NO: 6020931
DOCUMENT-IDENTIFIER: US 6020931 A
TITLE: Video composition and position system and media signal communication system

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw. Desc | Image

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☐ 6. Document ID: US 5977987 A

L8: Entry 6 of 25 File: USPT Nov 2, 1999

US-PAT-NO: 5977987
DOCUMENT-IDENTIFIER: US 5977987 A
TITLE: Method and apparatus for span and subspan sorting rendering system

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw. Desc | Image

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☐ 7. Document ID: US 5971853 A

L8: Entry 7 of 25 File: USPT Oct 26, 1999

US-PAT-NO: 5971853
DOCUMENT-IDENTIFIER: US 5971853 A
TITLE: Object direction control method and apparatus

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw. Desc | Image

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☑ 8. Document ID: US 5966132 A

L8: Entry 8 of 25 File: USPT Oct 12, 1999

US-PAT-NO: 5966132
DOCUMENT-IDENTIFIER: US 5966132 A
TITLE: Three-dimensional image synthesis which represents images differently in multiple three dimensional spaces

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw. Desc | Image

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☐ 9. Document ID: US 5963215 A

L8: Entry 9 of 25 File: USPT Oct 5, 1999

US-PAT-NO: 5963215
DOCUMENT-IDENTIFIER: US 5963215 A
TITLE: Three-dimensional browsing of multiple video sources

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw. Desc | Image

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☐ 10. Document ID: US 5951475 A

L8: Entry 10 of 25 File: USPT Sep 14, 1999

US-PAT-NO: 5951475
DOCUMENT-IDENTIFIER: US 5951475 A
TITLE: Methods and apparatus for registering CT-scan data to multiple fluoroscopic images

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

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Display 10 Documents, starting with Document: 11

Display Format: TI Change Format

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Search Results - Record(s) 11 through 20 of 25 returned.

☐ 11. Document ID: US 5947819 A

L8: Entry 11 of 25 File: USPT Sep 7, 1999

US-PAT-NO: 5947819
DOCUMENT-IDENTIFIER: US 5947819 A
TITLE: Object-throwing video game system

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

☐ 12. Document ID: US 5920319 A

L8: Entry 12 of 25 File: USPT Jul 6, 1999

US-PAT-NO: 5920319
DOCUMENT-IDENTIFIER: US 5920319 A
TITLE: Automatic analysis in virtual endoscopy

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

☐ 13. Document ID: US 5912671 A

L8: Entry 13 of 25 File: USPT Jun 15, 1999

US-PAT-NO: 5912671
DOCUMENT-IDENTIFIER: US 5912671 A
TITLE: Methods and apparatus for synthesizing a three-dimensional image signal and producing a two-dimensional visual display therefrom

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

☐ 14. Document ID: US 5905499 A

L8: Entry 14 of 25 File: USPT May 18, 1999

US-PAT-NO: 5905499
DOCUMENT-IDENTIFIER: US 5905499 A
TITLE: Method and system for high performance computer-generated virtual environments

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

☐ 15. Document ID: US 5856829 A

L8: Entry 15 of 25 File: USPT Jan 5, 1999

US-PAT-NO: 5856829
DOCUMENT-IDENTIFIER: US 5856829 A
TITLE: Inverse Z-buffer and video display system having list-based control mechanism for time-deferred instructing of 3D rendering engine that also responds to supervisory immediate commands

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

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☐ 16. Document ID: US 5818420 A

L8: Entry 16 of 25 File: USPT Oct 6, 1998

US-PAT-NO: 5818420
DOCUMENT-IDENTIFIER: US 5818420 A
TITLE: 3D object graphics display device, 3D object graphics display method, and manipulator for 3D object graphics display

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

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☐ 17. Document ID: US 5797849 A

L8: Entry 17 of 25 File: USPT Aug 25, 1998

US-PAT-NO: 5797849
DOCUMENT-IDENTIFIER: US 5797849 A
TITLE: Method for carrying out a medical procedure using a three-dimensional tracking and imaging system

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

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☐ 18. Document ID: US 5766079 A

L8: Entry 18 of 25 File: USPT Jun 16, 1998

US-PAT-NO: 5766079
DOCUMENT-IDENTIFIER: US 5766079 A
TITLE: Object direction control method and apparatus

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

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☐ 19. Document ID: US 5754618 A

L8: Entry 19 of 25 File: USPT May 19, 1998

US-PAT-NO: 5754618
DOCUMENT-IDENTIFIER: US 5754618 A
TITLE: Image processing apparatus and image processing method for favorably enhancing continuous boundaries which are affected by noise

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

☐ 20. Document ID: US 5719599 A

L8: Entry 20 of 25 File: USPT Feb 17, 1998

US-PAT-NO: 5719599
DOCUMENT-IDENTIFIER: US 5719599 A
TITLE: Method and apparatus for efficient digital modeling and texture mapping

Generate Collection

Terms	Documents
17 and viewpoint	25

Display 10 Documents, starting with Document: 21

Display Format: TI Change Format

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Search Results - Record(s) 21 through 25 of 25 returned.

☐ 21. Document ID: US 5714997 A

L8: Entry 21 of 25 File: USPT Feb 3, 1998

US-PAT-NO: 5714997
DOCUMENT-IDENTIFIER: US 5714997 A
TITLE: Virtual reality television system

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

☐ 22. Document ID: US 5687307 A

L8: Entry 22 of 25 File: USPT Nov 11, 1997

US-PAT-NO: 5687307
DOCUMENT-IDENTIFIER: US 5687307 A
TITLE: Computer graphic animation in which texture animation is independently performed on a plurality of objects in three-dimensional space

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

☐ 23. Document ID: US 5561745 A

L8: Entry 23 of 25 File: USPT Oct 1, 1996

US-PAT-NO: 5561745
DOCUMENT-IDENTIFIER: US 5561745 A
TITLE: Computer graphics for animation by time-sequenced textures

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

☐ 24. Document ID: US 5420940 A

L8: Entry 24 of 25 File: USPT May 30, 1995

US-PAT-NO: 5420940
DOCUMENT-IDENTIFIER: US 5420940 A
TITLE: CGSI pipeline performance improvement

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

☐ 25. Document ID: US 5396583 A

L8: Entry 25 of 25 File: USPT Mar 7, 1995

US-PAT-NO: 5396583
DOCUMENT-IDENTIFIER: US 5396583 A
TITLE: Cylindrical to planar image mapping using scanline coherence

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Drawn Desc | Image

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Results:
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1 **Interactive volume rendering for virtual colonoscopy**
Suya You; Lichan Hong; Ming Wan; Junyaprasert, K.; Kaufman, A.; Muraki, S.; Yong Zhou; Wax, M.; Zhengrong Liang
Visualization '97., Proceedings , 1997
Page(s): 433 -436, 571

[Abstract] [PDF Full-Text] **CNF**

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visual world

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Results:
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1 **Nonlinear operator for oriented texture**
Kruizinga, P.; Petkov, N.
Image Processing, IEEE Transactions on , Volume: 8 Issue: 10 , Oct. 1999
Page(s): 1395 -1407

[Abstract] [PDF Full-Text] **JNL**

2 **Virtual worlds using computer vision**
Narayanan, P.J.; Kanade, T.
Computer Vision for Virtual Reality Based Human Communications, 1998. Proceedings 1998 IEEE and ATR Workshop on , 1998
Page(s): 2 -13

[Abstract] [PDF Full-Text] **CNF**

3 **How we see**
Andersen, R.A.
Aerospace Conference, 1998 IEEE , Volume: 1 , 1998
Page(s): 3 -8 vol.1

[Abstract] [PDF Full-Text] **CNF**

4 **Probabilistic modeling of local appearance and spatial relationships for object recognition**
Schneiderman, H.; Kanade, T.
Computer Vision and Pattern Recognition, 1998. Proceedings. 1998 IEEE Computer Society Conference on , 1998
Page(s): 45 -51

[Abstract] [PDF Full-Text] **CNF**

5 **Orthodontics measurements using computer vision**
Yamany, S.M.; Farag, A.A.; Mohamed, N.A.
Engineering in Medicine and Biology Society, 1998. Proceedings of the 20th Annual International Conference of the IEEE , Volume: 2 , 1998
Page(s): 536 -539 vol.2

[Abstract] [PDF Full-Text] **CNF**

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6 **Do images mean anything?**
Santini, S.; Jain, R.
Image Processing, 1997. Proceedings., International Conference on , Volume: 1 , 199
Page(s): 564 -567 vol.1

[Abstract] [PDF Full-Text] **CNF**

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7 **Learning to see**
Poggio, T.; Beymer, D.
IEEE Spectrum , Volume: 33 Issue: 5 , May 1996
Page(s): 60 -69

[Abstract] [PDF Full-Text] **JNL**

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8 **Conceptual visual human algorithms: requirement-driven skiing algorithm design**
Kunii, T.L.
Computer Graphics International, 1996. Proceedings , 1996
Page(s): 2 -8

[Abstract] [PDF Full-Text] **CNF**

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9 **Strategies for visual navigation, target detection and camouflage: inspirations from insect vision**
Srinivasan, M.V.
Neural Networks, 1995. Proceedings., IEEE International Conference on , Volume: 5 , 1995
Page(s): 2456 -2460 vol.5

[Abstract] [PDF Full-Text] **CNF**

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10 **Image classification system based on cortical representations and unsupervised neural network learning**
Petkov, N.
Computer Architectures for Machine Perception, 1995. Proceedings. CAMP '95 , 1995
Page(s): 430 -437

[Abstract] [PDF Full-Text] **CNF**

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11 **From visual data to multimedia presentations**
Andre, E.; Herzog, G.; Rist, T.
Grounding Representations: Integration of Sensory Information in Natural Language Processing, Artificial Intelligence and Neural Networks, IEE Colloquium on , 1995
Page(s): 1/1 -1/3

[Abstract] [PDF Full-Text] **CNF**

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12 **Recognition of flexible objects**
Carlson, R.

Image Analysis and Interpretation, 1994., Proceedings of the IEEE Southwest Symposium on , 1994
Page(s): 36 -41

[Abstract] [PDF Full-Text] **CNF**

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13 **Portable imaging polarimeters**
Cronin, T.W.; Shashar, N.; Wolff, L.
Pattern Recognition, 1994. Vol. 1 - Conference A: Computer Vision & Image Processing., Proceedings of the 12th IAPR International Conference on , Volume: 1 , 1994
Page(s): 606 -609 vol.1

[Abstract] [PDF Full-Text] **CNF**

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14 **What can engineers learn from insect vision?**
Horridge, G.A.
Systems, Man and Cybernetics, 1993. 'Systems Engineering in the Service of Humans Conference Proceedings., International Conference on , 1993
Page(s): 138 -143 vol.3

[Abstract] [PDF Full-Text] **CNF**

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15 **Virtual reality and telepresence: visual worlds from non-visual sensors**
Stone, R.J.; King, I.; Dalton, G.; Weaver, I.
Real World Visualisation - Virtual World - Virtual Reality, IEE Colloquium on , 1991
Page(s): 3/1 -3/6

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